

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A medical tube comprising sidewalls and a closed end, said sidewalls and closed end comprising a blend of 25-35 weight percent polystyrene, based upon total weight of the polymer, having a melt flow index of 7-11 g/10 min and a styrene-butadiene rubber block copolymer having a melt flow index of 10-12 g/10 min, said tube having diminished leakage or plastic deformation compared to identical, in size and shape, tubes of pure styrene-butadiene copolymer.
2. (Currently amended) The tube of Claim 1, which is a round bottom tube.
3. (Currently amended) The tube of Claim 1, which is a centrifuge tube.
4. (Currently amended) The tube of Claim 1, which is sterilized with gamma radiation.
5. (Currently amended) The tube of Claim 4, wherein said radiation has a maximum dose of 23 Kgy.

6. (Currently amended) A centrifuge tube comprising a blend of 28-32 weight percent of polystyrene having a melt flow index of 7-11 g/10 min and 72-68 weight percent , based upon total weight of the polymer, of styrene-butadiene rubber block copolymer having a melt flow index of 10-12g/ min, said tube having diminished leakage or plastic deformation compared to an identical, in size and shape, tube of pure styrene-butadiene copolymer.

7. (Currently amended) A centrifuge tube comprising a blend of 29.5 -30.5 weight percent , based upon total weight of the polymer, of polystyrene having a melt flow index of 7-11 g/10 min and 70.5-69.5 weight percent of styrene-butadiene rubber block copolymer having a melt flow index of 10-12g/10 min, said tube having diminished leakage and plastic deformation compared to an identical, in size and shape, tube of pure styrene-butadiene copolymer.

8. (Currently amended) An assembly comprising the tube of Claim 1, and a hermetically sealed closure therefor.

9. (New) The tube of Claim 1, wherein said blend comprises 28-32 weight percent, based upon total weight of the polymer, of polystyrene having a melt flow index of 7-11 g/10 min and 72-68 weight percent of styrene-butadiene rubber block copolymer.

10. (New) The tube of Claim 1, wherein said blend comprises 29.5 -30.5 weight percent, based upon total weight of the polymer, of polystyrene having a melt flow index of 7-11 g/10 min and 70.5-69.5 weight percent of styrene-butadiene rubber block copolymer.

11. (New) The tube of Claim 1, wherein said sidewalls and closed end consist essentially of said blend of 25-35 weight percent polystyrene, based upon total weight of the polymer, having a melt flow index of 7-11 g/10 min and 75-65 weight percent said styrene-butadiene rubber block copolymer having a melt flow index of 10-12 g/10 min.

12. (New) The tube of Claim 11, wherein said blend consists essentially of 28-32 weight percent, based upon total weight of the polymer, of polystyrene having a melt flow index of 7-11 g/10 min and 72-68 weight percent of styrene-butadiene rubber block copolymer.

13. (New) The tube of Claim 11, wherein said blend consists essentially of 29.5 -30.5 weight percent, based upon total weight of the polymer, of polystyrene having a melt flow index of 7-11 g/10 min and 70.5-69.5 weight percent of styrene-butadiene rubber block copolymer.